

Fri Dec 3 11:18:30 2004

us-10-070-611-9.fai

Page 1

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 3, 2004, 00:02:30 / Search time 38 Seconds  
(without alignments)  
13.962 Million cell updates/sec

Title: US-10-070-611-9

Perfect score: 40

Sequence: 1 GKXQIVYK 8

Scoring table: BLOSUM62  
Gapop 10.0, Capext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database: Issued Parents AA:\*

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- 2: /cgn2\_6/prodata/1/aa/SA\_COMB.pep:\*
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- 6: /cgn2\_6/prodata/1/aa/SA\_COMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	40	100.0	352	2	US-08-126-306A-17
4	40	100.0	391	2	US-08-244-951A-10
5	40	100.0	391	2	US-08-389-011-23
6	40	100.0	391	2	US-08-403-917A-23
7	40	100.0	391	2	US-08-148-952A-23
8	35	87.5	13	4	US-08-817-813B-7
9	35	87.5	108	3	US-08-913-915-2
10	35	87.5	109	3	US-08-913-915-3
11	35	87.5	140	3	US-08-913-915-9
12	35	87.5	383	4	US-09-336-035-4
13	35	87.5	441	3	US-08-244-603A-1
14	35	87.5	441	3	US-08-913-915-5
15	35	87.5	441	4	US-09-035-708A-1
16	35	87.5	758	4	US-09-904-987-5
17	35	82.5	413	2	US-08-960-756-2
18	31	77.5	397	4	US-09-270-767-46835
19	31	77.5	535	3	US-09-269-731-4
20	31	77.5	1125	4	US-09-513-783A-152
21	31	77.5	1125	4	US-09-430-656-152
22	31	77.5	1610	4	US-09-513-783A-22
23	31	77.5	1610	4	US-09-430-656-22
24	30	75.0	112	4	US-09-270-767-59081
25	30	75.0	124	4	US-09-270-767-60557
26	30	75.0	217	4	US-09-270-767-43695

Handwritten notes and signatures in the left margin, including "US-08-913-915-1", "US-08-159-960-2", "US-08-126-306A-17", "US-08-244-951A-10", "US-08-389-011-23", "US-08-403-917A-23", "US-08-148-952A-23", "US-08-817-813B-7", "US-08-913-915-2", "US-08-913-915-3", "US-08-913-915-9", "US-09-336-035-4", "US-08-244-603A-1", "US-08-913-915-5", "US-09-035-708A-1", "US-09-904-987-5", "US-08-960-756-2", "US-09-270-767-46835", "US-09-269-731-4", "US-09-513-783A-152", "US-09-430-656-152", "US-09-513-783A-22", "US-09-430-656-22", "US-09-270-767-59081", "US-09-270-767-60557", "US-09-270-767-43695".

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103	28	70.0	345	4	US-09-248-786A-16175	Sequence 16175, A	176	28	70.0	870	3	US-09-172-319A-8	Sequence 8, Appl1
104	28	70.0	346	4	US-09-540-226-3202	Sequence 3202, Ap	177	28	70.0	1211	4	US-09-491-522-5	Sequence 5, Appl1
105	28	70.0	347	4	US-09-248-796A-19195	Sequence 19195, A	178	28	70.0	1290	1	US-08-470-350B-2	Sequence 2, Appl1
106	28	70.0	374	4	US-09-252-149B-36	Sequence 36, Appl1	179	28	70.0	1616	4	US-09-538-092-1016	Sequence 1016, Ap
107	28	70.0	374	4	US-09-378-238-29	Sequence 29, Appl1	180	28	70.0	1785	4	US-09-341-587-3	Sequence 3, Appl1
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111	28	70.0	375	2	US-08-763-875-5	Sequence 5, Appl1	184	27	67.5	106	4	US-09-248-796A-20265	Sequence 20265, A
112	28	70.0	375	3	US-08-795-671-5	Sequence 5, Appl1	185	27	67.5	112	4	US-09-328-352-5526	Sequence 5526, Ap
113	28	70.0	375	3	US-09-177-860A-14	Sequence 14, Appl1	186	27	67.5	112	4	US-09-513-999C-5587	Sequence 5587, Ap
114	28	70.0	375	3	US-09-252-149B-29	Sequence 29, Appl1	187	27	67.5	158	4	US-09-107-532A-6578	Sequence 6578, Ap
115	28	70.0	375	3	US-09-252-149B-30	Sequence 30, Appl1	188	27	67.5	160	2	US-08-726-306A-35	Sequence 35, Appl1
116	28	70.0	375	3	US-09-252-149B-32	Sequence 32, Appl1	189	27	67.5	162	4	US-09-248-796A-24080	Sequence 24080, A
117	28	70.0	375	3	US-09-252-149B-33	Sequence 33, Appl1	190	27	67.5	170	4	US-09-248-796A-20324	Sequence 20324, A
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120	28	70.0	375	4	US-09-378-238-14	Sequence 14, Appl1	193	27	67.5	179	1	US-08-473-32	Sequence 32, Appl1
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122	28	70.0	375	4	US-09-451-501-19	Sequence 19, Appl1	195	27	67.5	179	5	PCT-US94-04190-32	Sequence 32, Appl1
123	28	70.0	375	4	US-09-451-501-21	Sequence 21, Appl1	196	27	67.5	180	1	US-08-049-473-30	Sequence 30, Appl1
124	28	70.0	375	4	US-09-451-501-23	Sequence 23, Appl1	197	27	67.5	180	1	US-08-049-473-31	Sequence 31, Appl1
125	28	70.0	375	4	US-09-451-501-27	Sequence 27, Appl1	198	27	67.5	180	1	US-08-312-648-30	Sequence 30, Appl1
126	28	70.0	375	4	US-09-626-896-2	Sequence 2, Appl1	199	27	67.5	180	1	US-08-312-648-31	Sequence 31, Appl1
127	28	70.0	375	4	US-09-626-896-10	Sequence 10, Appl1	200	27	67.5	180	5	PCT-US94-04190-30	Sequence 30, Appl1
128	28	70.0	375	4	US-09-626-896-16	Sequence 16, Appl1	201	27	67.5	181	1	US-08-418-444A-4	Sequence 4, Appl1
129	28	70.0	375	4	US-09-626-896-18	Sequence 18, Appl1	202	27	67.5	181	1	US-08-418-444A-6	Sequence 6, Appl1
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131	28	70.0	375	4	US-09-686-344-23	Sequence 23, Appl1	204	27	67.5	181	1	US-08-049-473-28	Sequence 28, Appl1
132	28	70.0	375	4	US-09-686-344-27	Sequence 27, Appl1	205	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
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142	28	70.0	375	4	US-09-485-046-14	Sequence 14, Appl1	215	27	67.5	181	5	PCT-US94-04190-29	Sequence 29, Appl1
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144	28	70.0	376	3	US-09-177-860A-12	Sequence 12, Appl1	217	27	67.5	194	4	US-09-328-352-6816	Sequence 6816, Ap
145	28	70.0	376	3	US-08-891-789B-6	Sequence 6, Appl1	218	27	67.5	214	4	US-09-710-279-1898	Sequence 1898, Ap
146	28	70.0	376	3	US-09-252-149B-27	Sequence 27, Appl1	219	27	67.5	221	4	US-09-248-796A-15713	Sequence 15713, A
147	28	70.0	376	3	US-09-252-149B-28	Sequence 28, Appl1	220	27	67.5	224	4	US-09-583-110-3675	Sequence 3675, Ap
148	28	70.0	376	4	US-09-378-238-12	Sequence 12, Appl1	221	27	67.5	224	4	US-09-710-279-1002	Sequence 1002, Ap
149	28	70.0	376	4	US-09-451-501-12	Sequence 12, Appl1	222	27	67.5	250	4	US-09-553-662-32	Sequence 32, Appl1
150	28	70.0	376	4	US-09-451-501-25	Sequence 25, Appl1	223	27	67.5	250	4	US-10-062-994-32	Sequence 32, Appl1
151	28	70.0	376	4	US-09-629-938-12	Sequence 12, Appl1	224	27	67.5	322	4	US-09-134-001C-4662	Sequence 4662, Ap
152	28	70.0	376	4	US-09-686-344-12	Sequence 12, Appl1	225	27	67.5	322	4	US-09-252-991A-16916	Sequence 16916, A
153	28	70.0	376	4	US-09-686-344-25	Sequence 25, Appl1	226	27	67.5	350	4	US-09-252-991A-18268	Sequence 18268, A
154	28	70.0	376	4	US-09-626-896-4	Sequence 4, Appl1	227	27	67.5	350	4	US-09-252-991A-18268	Sequence 18268, A
155	28	70.0	376	4	US-09-626-896-6	Sequence 6, Appl1	228	27	67.5	377	4	US-09-489-039A-11774	Sequence 11774, A
156	28	70.0	376	4	US-09-485-046-2	Sequence 2, Appl1	229	27	67.5	394	4	US-09-543-681A-5567	Sequence 5267, Ap
157	28	70.0	376	4	US-09-485-046-12	Sequence 12, Appl1	230	27	67.5	394	4	US-09-270-767-41366	Sequence 41366, A
158	28	70.0	409	4	US-09-583-110-4274	Sequence 12, Appl1	231	27	67.5	402	3	US-09-270-767-56582	Sequence 56582, A
159	28	70.0	409	4	US-09-723-546-7	Sequence 4274, Ap	232	27	67.5	437	3	US-09-134-001C-4138	Sequence 4138, Ap
160	28	70.0	414	2	US-08-984-171-1	Sequence 7, Appl1	233	27	67.5	525	4	US-09-073-569-2	Sequence 2, Appl1
161	28	70.0	426	4	US-08-673-395A-194	Sequence 194, Appl1	234	27	67.5	573	3	US-09-134-000C-6716	Sequence 6716, Ap
162	28	70.0	432	4	US-09-710-279-2942	Sequence 2942, Ap	235	27	67.5	573	3	US-09-336-447B-3	Sequence 3, Appl1
163	28	70.0	441	4	US-09-248-796A-20171	Sequence 20171, A	236	27	67.5	602	4	US-09-248-796A-16684	Sequence 16684, A
164	28	70.0	456	4	US-09-787-083-2	Sequence 2, Appl1	237	27	67.5	641	4	US-09-919-039-146	Sequence 146, Appl1
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168	28	70.0	690	4	US-09-198-452A-1068	Sequence 1068, Ap	241	27	67.5	666	3	US-09-341-587-1	Sequence 1, Appl1
169	28	70.0	750	3	US-09-165-239A-4	Sequence 4, Appl1	242	27	67.5	687	4	US-09-248-796A-16468	Sequence 16468, Ap
170	28	70.0	760	4	US-09-328-352-1293	Sequence 7293, Ap	243	27	67.5	688	4	US-09-248-796A-19233	Sequence 19233, Ap
171	28	70.0	782	1	US-07-725-083-2	Sequence 2, Appl1	244	27	67.5	890	4	US-09-513-783A-174	Sequence 174, Appl1
172	28	70.0	782	3	US-08-669-286-10	Sequence 10, Appl1	245	27	67.5	1013	4	US-10-140-002-38	Sequence 38, Appl1
173	28	70.0	782	3	US-09-469-253-10	Sequence 10, Appl1	246	27	67.5	1037	3	US-09-134-001C-4794	Sequence 4794, Ap

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CM protein - protein search, using sw model

Run on: December 2, 2004, 23:53:59 ; Search time 160 Seconds  
(without alignments)  
17,936 Million cell updates/sec

Title: US-10-070-611-9  
Perfect score: 40  
Sequence: 1 GKQVLYK 8

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 2002273 seqs, 35872929 residues

Total number of hits satisfying chosen parameters: 2002273

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database:

- Listing first 1000 summaries
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  - 2: Geneseqp19808:\*
  - 3: Geneseqp19908:\*
  - 4: Geneseqp20008:\*
  - 5: Geneseqp20018:\*
  - 6: Geneseqp20028:\*
  - 7: Geneseqp20038:\*
  - 8: Geneseqp20048:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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9/11/05  
Wischik ed

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86	40	100.0	352	AA152200	AA152200 Human TAU
87	40	100.0	352	AA152200	AA152200 Human TAU
88	40	100.0	352	AA152200	AA152200 Human TAU
89	40	100.0	352	AA152200	AA152200 Human TAU
90	40	100.0	352	AA152200	AA152200 Human TAU
91	40	100.0	352	AA152200	AA152200 Human TAU
92	40	100.0	352	AA152200	AA152200 Human TAU
93	40	100.0	352	AA152200	AA152200 Human TAU
94	40	100.0	352	AA152200	AA152200 Human TAU
95	40	100.0	352	AA152200	AA152200 Human TAU
96	40	100.0	352	AA152200	AA152200 Human TAU
97	40	100.0	352	AA152200	AA152200 Human TAU
98	40	100.0	352	AA152200	AA152200 Human TAU

99	33	82.5	74	7	ABW01615	Abw01615	Human	TRI	172	30	75.0	378	4	AAm41282	AAm41282	Human	pol
100	33	82.5	196	6	ABW70860	Abm70860	Staphyloc		173	30	75.0	378	4	AAm41281	AAm41281	Human	pol
101	33	82.5	411	6	ABW48372	Abw48372	Human	SEC	174	30	75.0	389	2	AAy60287	AAy60287	Human	end
102	33	82.5	413	2	AAW92372	AAw92372	Thermus s		175	30	75.0	389	6	ABP75880	ABP75880	Human	sec
103	33	82.5	462	5	ABR47305	Abb47305	Listeria		176	30	75.0	399	2	AAy60271	AAy60271	Human	end
104	33	82.5	464	4	AAW48377	Adw48377	Human	SEC	177	30	75.0	412	3	AAy95049	AAy95049	Human	end
105	33	82.5	493	6	ADW454707	Adw454707	Human	pro	178	30	75.0	418	3	AAy42252	AAy42252	Human	pro
106	33	82.5	741	5	ABP43960	Abp43960	Human	pro	179	30	75.0	418	6	ABU56635	ABU56635	Human	pro
107	33	82.5	963	4	ABW70285	Abw70285	Human	TRI	180	30	75.0	418	7	ABR48170	ABR48170	Human	bla
108	33	82.5	963	7	ABW01589	Abw01589	Human	TRI	181	30	75.0	418	7	ABU58863	ABU58863	Human	bla
109	33	82.5	1027	4	ABW70256	Abw70256	TRI6-Long		182	30	75.0	435	4	AAm39883	AAm39883	Human	pro
110	33	82.5	1027	7	ABW01590	Abw01590	Human	TRI	183	30	75.0	438	7	ADP06089	ADP06089	Human	pro
111	32	80.0	113	5	ABP10031	Abp10031	Human	ORF	184	30	75.0	461	7	ADP06089	ADP06089	Human	pro
112	32	80.0	257	6	ABU15888	Abu15888	Staphyloc	e	185	30	75.0	485	7	ABR83665	ABR83665	Human	C10
113	32	80.0	267	4	AAU34360	AAu34360	Staphyloc		186	30	75.0	485	7	ADP06089	ADP06089	Human	C10
114	32	80.0	269	4	AAU37278	AAu37278	Staphyloc		187	30	75.0	485	7	ADP06089	ADP06089	Human	C10
115	32	80.0	269	6	ABW72048	ABw72048	Staphyloc		188	30	75.0	527	6	ABU58200	ABU58200	Human	pro
116	31	77.5	94	4	AAU00732	AAu00732	Human	TAV	189	30	75.0	569	5	ABU74344	ABU74344	Human	pro
117	31	77.5	139	8	ADW57073	ADw57073	Human	TAV	190	30	75.0	600	6	AAE37043	AAE37043	Human	pro
118	31	77.5	177	3	AAW5806	AAw5806	Neisseria		191	30	75.0	603	8	ADL00265	ADL00265	Human	pro
119	31	77.5	177	3	AAW5806	AAw5806	Neisseria		192	30	75.0	603	8	ADL00265	ADL00265	Human	pro
120	31	77.5	177	3	AAW5806	AAw5806	Neisseria		193	30	75.0	607	8	ADL00265	ADL00265	Human	pro
121	31	77.5	177	3	AAW5806	AAw5806	Neisseria		194	30	75.0	612	5	AAE18682	AAE18682	Human	pro
122	31	77.5	194	5	AAE15460	AAe15460	Invasin	P	195	30	75.0	618	5	AAE18681	AAE18681	Human	pro
123	31	77.5	194	6	AAE15460	AAe15460	Invasin	P	196	30	75.0	626	5	AAE18681	AAE18681	Human	pro
124	31	77.5	194	6	AAE15460	AAe15460	Invasin	P	197	30	75.0	636	5	AAE18681	AAE18681	Human	pro
125	31	77.5	535	2	AAW50910	AAw50910	Cytophaga		198	30	75.0	637	5	AAE18681	AAE18681	Human	pro
126	31	77.5	835	2	AAW50910	AAw50910	Cytophaga		199	30	75.0	637	5	AAE18681	AAE18681	Human	pro
127	31	77.5	959	7	ADP74138	ADp74138	Invasin	P	200	30	75.0	653	5	AAE18681	AAE18681	Human	pro
128	31	77.5	1155	3	AAW22934	AAw22934	Mouse	m1c	201	30	75.0	653	5	AAE18681	AAE18681	Human	pro
129	31	77.5	1155	3	AAW22934	AAw22934	Mouse	m1c	202	30	75.0	653	5	AAE18681	AAE18681	Human	pro
130	31	77.5	1155	3	AAW22934	AAw22934	Mouse	m1c	203	30	75.0	653	5	AAE18681	AAE18681	Human	pro
131	31	77.5	1155	3	AAW22934	AAw22934	Mouse	m1c	204	30	75.0	653	5	AAE18681	AAE18681	Human	pro
132	31	77.5	1155	3	AAW22934	AAw22934	Mouse	m1c	205	30	75.0	653	5	AAE18681	AAE18681	Human	pro
133	31	77.5	1155	3	AAW22934	AAw22934	Mouse	m1c	206	30	75.0	653	5	AAE18681	AAE18681	Human	pro
134	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	207	30	75.0	653	5	AAE18681	AAE18681	Human	pro
135	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	208	30	75.0	653	5	AAE18681	AAE18681	Human	pro
136	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	209	30	75.0	653	5	AAE18681	AAE18681	Human	pro
137	30	75.0	15	4	AAU00744	AAu00744	Human	HTA	210	30	75.0	1201	3	AAE21254	AAE21254	Human	pro
138	30	75.0	15	4	AAU00744	AAu00744	Human	HTA	211	30	75.0	1201	3	AAE21254	AAE21254	Human	pro
139	30	75.0	71	5	ABG31747	ABg31747	Human	HTA	212	30	75.0	1205	4	AAE21254	AAE21254	Human	pro
140	30	75.0	115	5	ABG31747	ABg31747	Human	HTA	213	30	75.0	1205	4	AAE21254	AAE21254	Human	pro
141	30	75.0	115	5	ABG31747	ABg31747	Human	HTA	214	30	75.0	1205	4	AAE21254	AAE21254	Human	pro
142	30	75.0	115	5	ABG31747	ABg31747	Human	HTA	215	30	75.0	1205	4	AAE21254	AAE21254	Human	pro
143	30	75.0	140	8	AAW46628	AAw46628	Human	tau	216	30	75.0	1205	4	AAE21254	AAE21254	Human	pro
144	30	75.0	140	8	AAW46628	AAw46628	Human	tau	217	30	75.0	1205	4	AAE21254	AAE21254	Human	pro
145	30	75.0	156	3	AAW46628	AAw46628	Human	tau	218	30	75.0	1205	4	AAE21254	AAE21254	Human	pro
146	30	75.0	156	3	AAW46628	AAw46628	Human	tau	219	30	75.0	1205	4	AAE21254	AAE21254	Human	pro
147	30	75.0	188	8	ADL22492	ADl22492	Bovine	ta	220	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
148	30	75.0	188	8	ADL22492	ADl22492	Bovine	ta	221	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
149	30	75.0	190	8	ADL22492	ADl22492	Bovine	ta	222	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
150	30	75.0	190	8	ADL22492	ADl22492	Bovine	ta	223	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
151	30	75.0	195	8	ADL22492	ADl22492	Bovine	ta	224	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
152	30	75.0	195	8	ADL22492	ADl22492	Bovine	ta	225	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
153	30	75.0	195	8	ADL22492	ADl22492	Bovine	ta	226	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
154	30	75.0	223	7	ADP06089	ADp06089	Human	pro	227	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
155	30	75.0	227	7	ADP06089	ADp06089	Human	pro	228	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
156	30	75.0	227	7	ADP06089	ADp06089	Human	pro	229	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
157	30	75.0	227	7	ADP06089	ADp06089	Human	pro	230	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
158	30	75.0	227	7	ADP06089	ADp06089	Human	pro	231	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
159	30	75.0	227	7	ADP06089	ADp06089	Human	pro	232	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
160	30	75.0	227	7	ADP06089	ADp06089	Human	pro	233	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
161	30	75.0	227	7	ADP06089	ADp06089	Human	pro	234	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
162	30	75.0	227	7	ADP06089	ADp06089	Human	pro	235	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
163	30	75.0	227	7	ADP06089	ADp06089	Human	pro	236	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
164	30	75.0	227	7	ADP06089	ADp06089	Human	pro	237	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
165	30	75.0	227	7	ADP06089	ADp06089	Human	pro	238	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
166	30	75.0	227	7	ADP06089	ADp06089	Human	pro	239	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
167	30	75.0	227	7	ADP06089	ADp06089	Human	pro	240	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
168	30	75.0	227	7	ADP06089	ADp06089	Human	pro	241	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
169	30	75.0	227	7	ADP06089	ADp06089	Human	pro	242	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
170	30	75.0	227	7	ADP06089	ADp06089	Human	pro	243	30	75.0	1597	6	ABU56637	ABU56637	Human	pro
171	30	75.0	227	7	ADP06089	ADp06089	Human	pro	244	30	75.0	1597	6	ABU56637	ABU56637	Human	pro